

**SOLUTION FOR SEALING POROUS METAL SUBSTRATES
AND PROCESS OF APPLYING THE SOLUTION**

Abstract

An aqueous inorganic solution for sealing the porosity of metal components made of sintered compacted powdered metal and castings formed from liquid metal, and a process for applying the solution onto the components. The solution consists primarily of a blend of inorganic metallic salt silicates with the metal ions being taken from Group 1A elements.